

ABSTRACT

A purpose of the present invention is to provide a high level compression system so as to improve a data transmitting efficiency. In the case of transmitting data in which a characteristic curve is very important to a remote site, a predetermined number of the above data are collected at a transmitting site 100 so as to dummy-picture the data (S2). The dummy pictured data is highly compressed by a picture compression treatment (S3). The compressed dummy-pictured data is transmitted to the receiving site 200. At the receiving site 200, the received compressed dummy pictured data is recovered to the dummy pictured data (T1). The dummy pictured data is divided into the predetermined number of the parts so that original data can be reproduced.